

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134265.D
 Acq On : 13 Jul 2023 16:54
 Operator : CG\JU
 Sample : 03569-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUILDING

Quant Time: Jul 13 17:42:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	75815	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	294121	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	146466	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	288653	20.000	ng	0.00
76) Chrysene-d12	14.033	240	213910	20.000	ng	0.00
86) Perylene-d12	15.539	264	200212	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	443712	97.900	ng	0.00
7) Phenol-d6	6.481	99	542293	97.292	ng	0.00
23) Nitrobenzene-d5	7.404	82	375901	68.894	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	172385	93.872	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	725049	71.972	ng	0.00
79) Terphenyl-d14	12.974	244	858901	64.622	ng	0.00

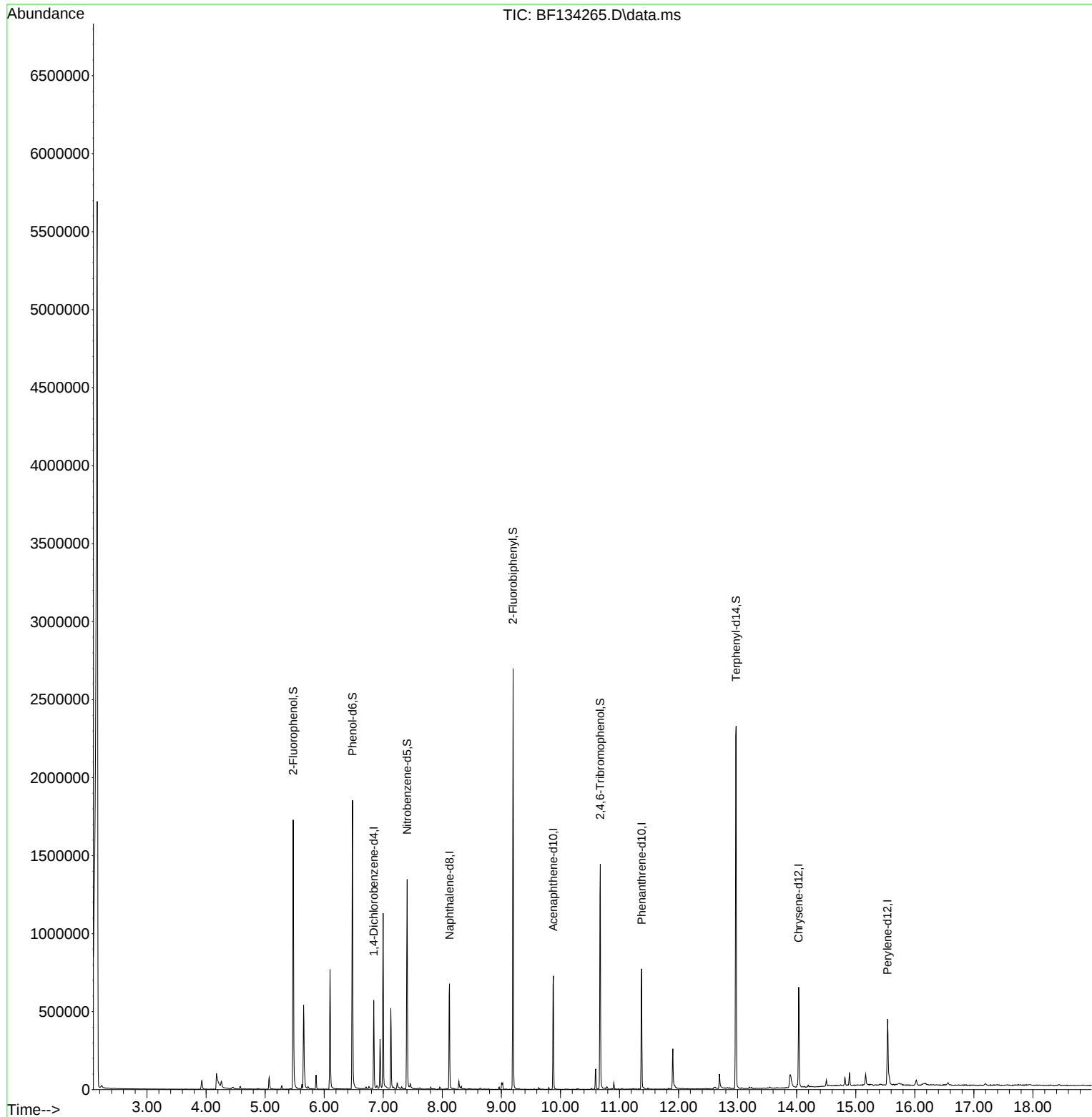
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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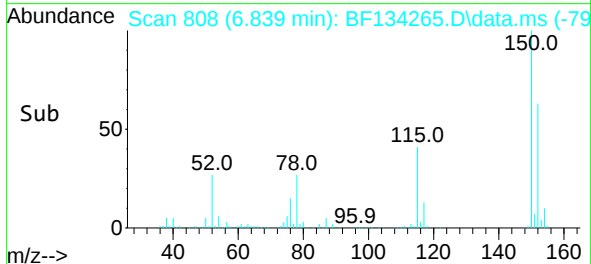
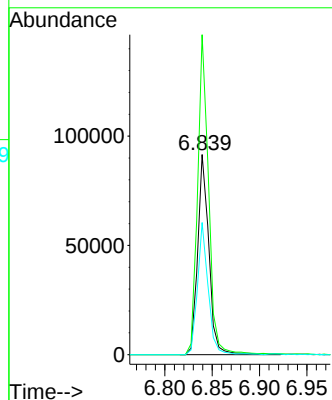
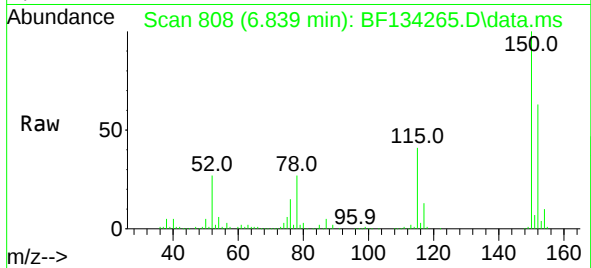




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134265.D
Acq: 13 Jul 2023 16:54

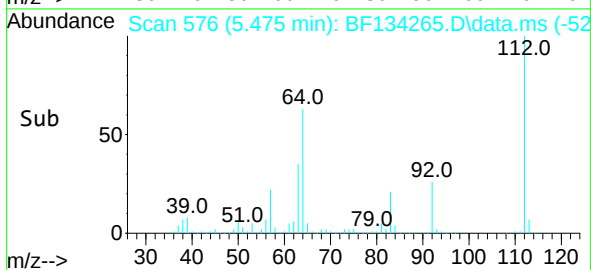
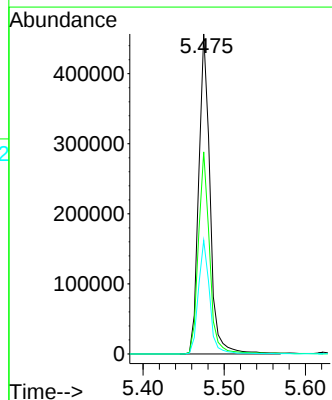
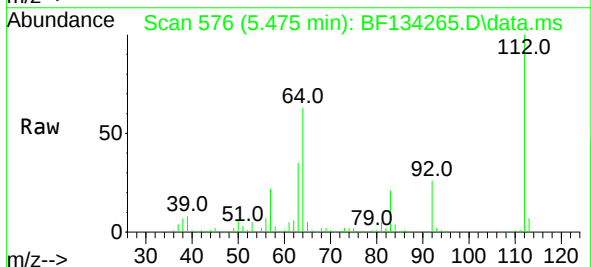
Instrument :
BNA_F
ClientSampleId :
BUILDING

Tgt Ion:152 Resp: 75815
Ion Ratio Lower Upper
152 100
150 159.9 124.5 186.7
115 66.0 50.2 75.2



#5
2-Fluorophenol
Concen: 97.900 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.000 min
Lab File: BF134265.D
Acq: 13 Jul 2023 16:54

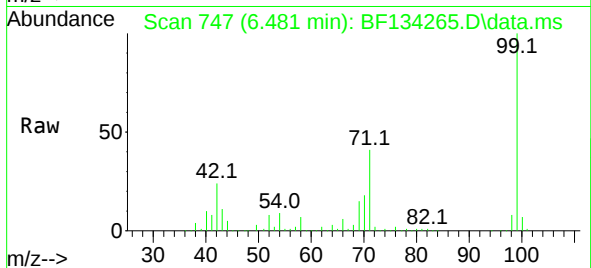
Tgt Ion:112 Resp: 443712
Ion Ratio Lower Upper
112 100
64 63.2 52.1 78.1
63 35.5 28.6 42.8



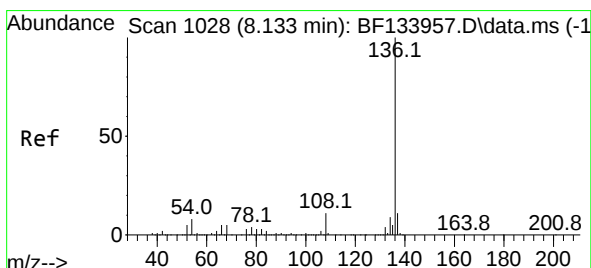
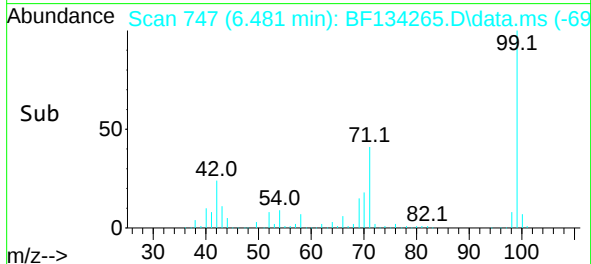
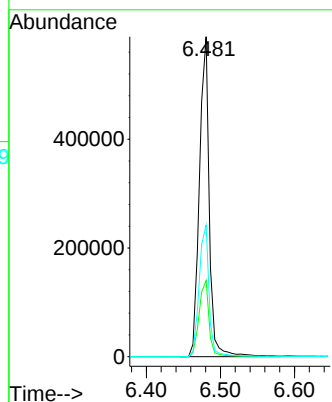


#7
Phenol-d6
Concen: 97.292 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134265.D
Acq: 13 Jul 2023 16:54

Instrument :
BNA_F
ClientSampleId :
BUILDING

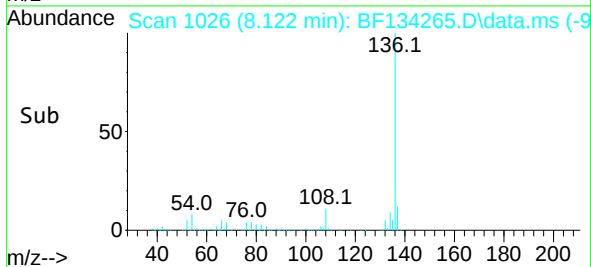
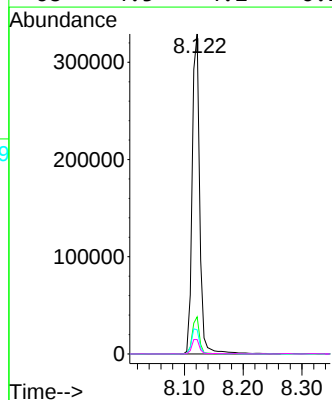
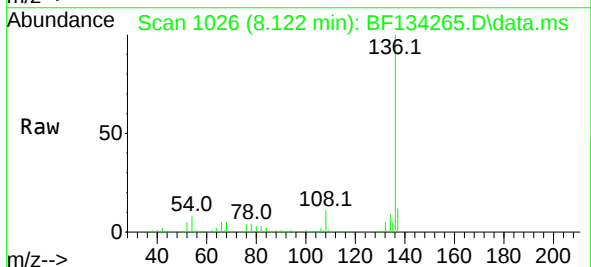


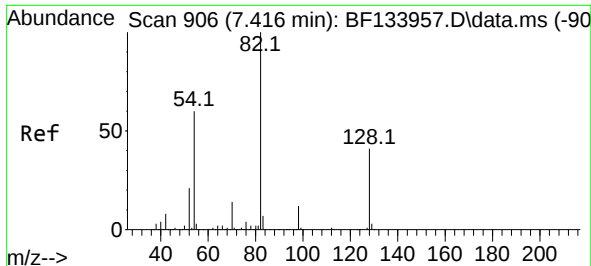
Tgt Ion: 99 Resp: 542293
Ion Ratio Lower Upper
99 100
42 23.8 19.8 29.6
71 41.1 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134265.D
Acq: 13 Jul 2023 16:54

Tgt Ion: 136 Resp: 294121
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 7.6 6.5 9.7
68 4.5 4.2 6.2





#23

Nitrobenzene-d5

Concen: 68.894 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134265.D

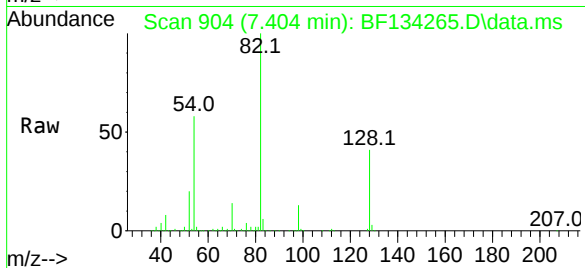
Acq: 13 Jul 2023 16:54

Instrument :

BNA_F

ClientSampleId :

BUILDING



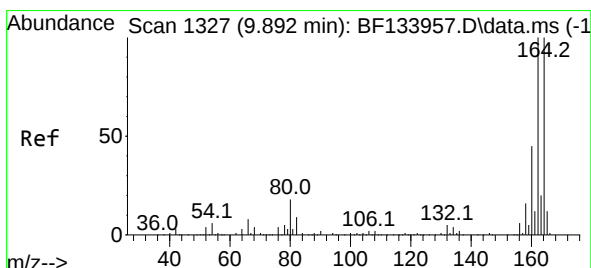
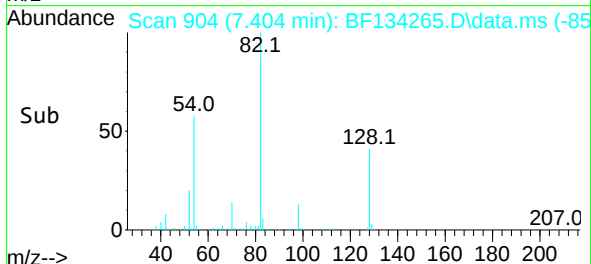
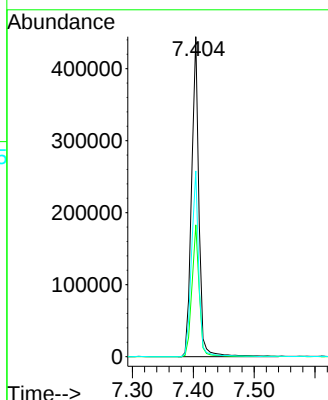
Tgt Ion: 82 Resp: 375901

Ion Ratio Lower Upper

82 100

128 41.2 32.5 48.7

54 58.1 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.006 min

Lab File: BF134265.D

Acq: 13 Jul 2023 16:54

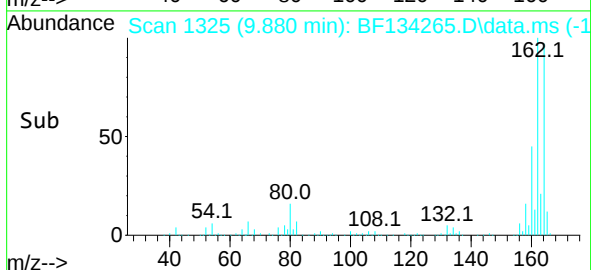
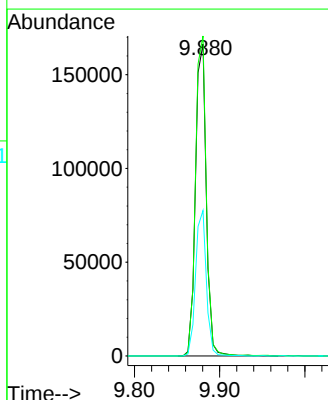
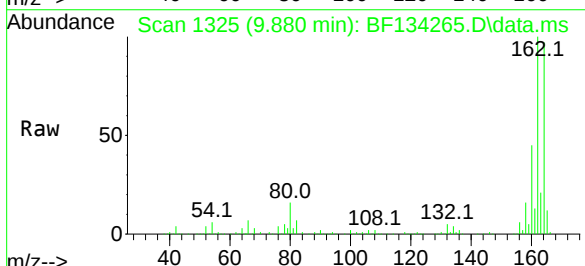
Tgt Ion: 164 Resp: 146466

Ion Ratio Lower Upper

164 100

162 102.6 80.0 120.0

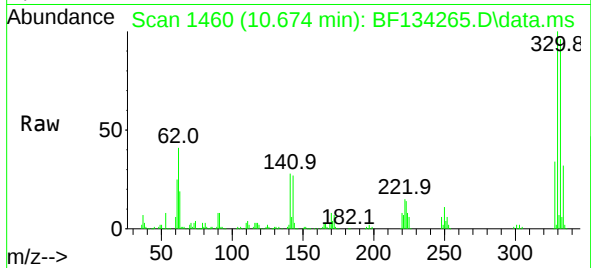
160 46.7 35.9 53.9



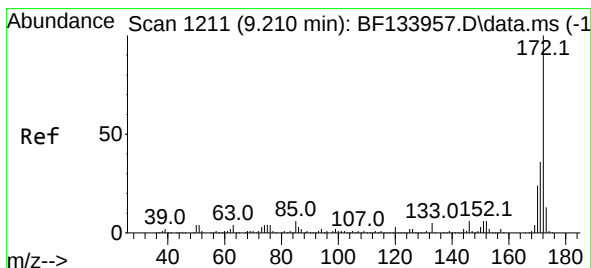
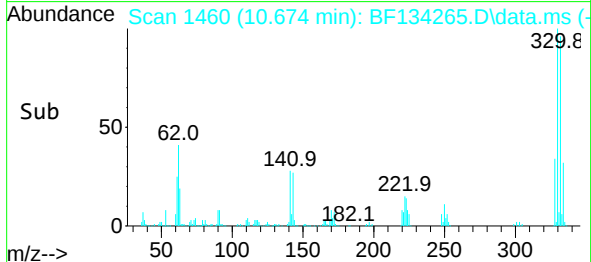
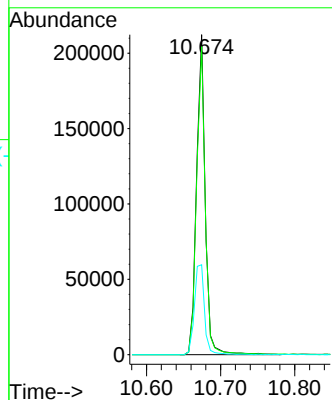


#42
2,4,6-Tribromophenol
Concen: 93.872 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134265.D
Acq: 13 Jul 2023 16:54

Instrument :
BNA_F
ClientSampleId :
BUILDING

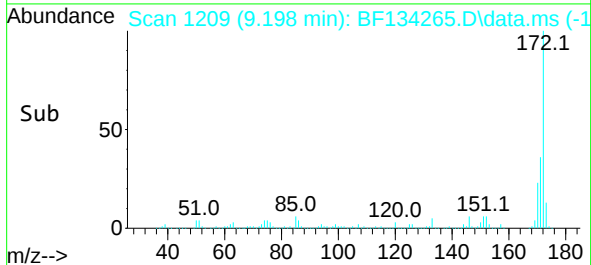
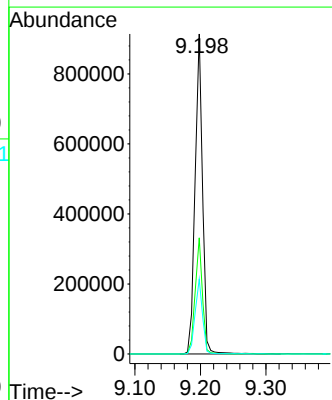
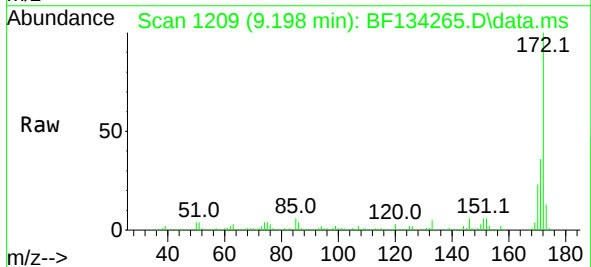


Tgt Ion: 330 Resp: 172385
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 32.9 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 71.972 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134265.D
Acq: 13 Jul 2023 16:54

Tgt Ion: 172 Resp: 725049
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 23.4 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134265.D

Acq: 13 Jul 2023 16:54

Instrument :

BNA_F

ClientSampleId :

BUILDING

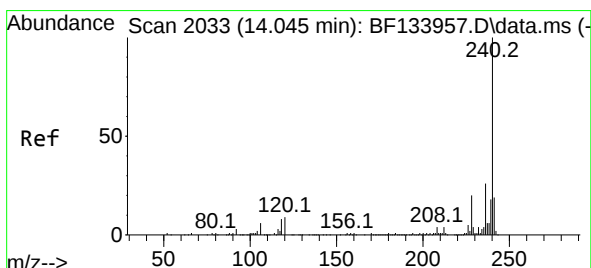
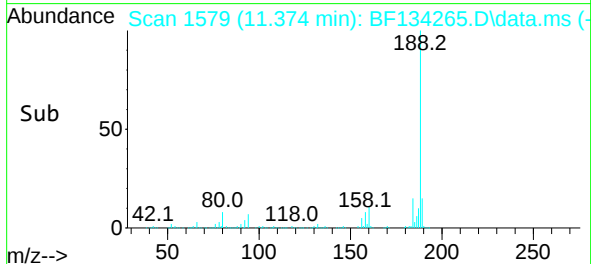
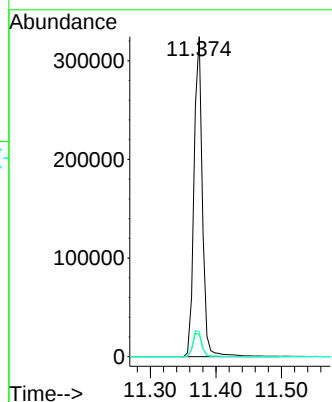
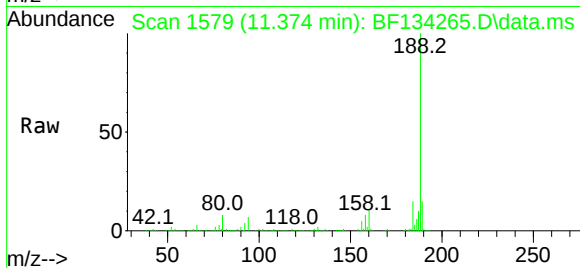
Tgt Ion:188 Resp: 288653

Ion Ratio Lower Upper

188 100

94 7.0 6.4 9.6

80 7.7 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134265.D

Acq: 13 Jul 2023 16:54

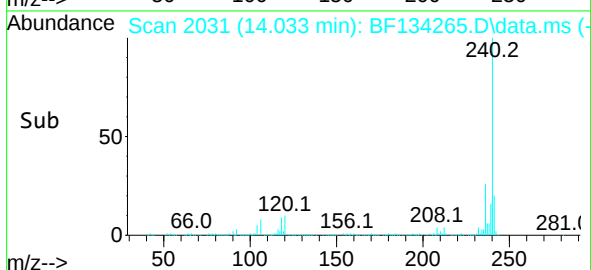
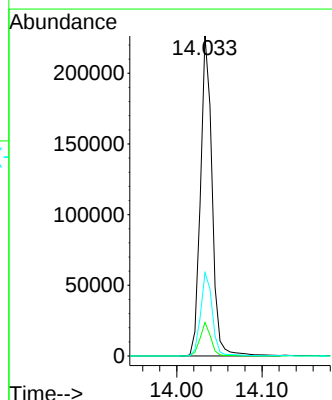
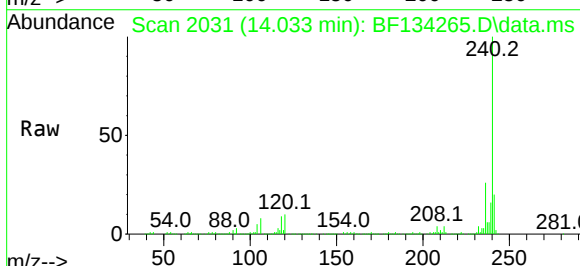
Tgt Ion:240 Resp: 213910

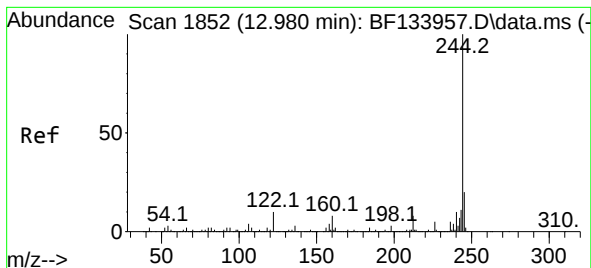
Ion Ratio Lower Upper

240 100

120 10.4 7.4 11.0

236 26.1 21.0 31.6





#79

Terphenyl-d14

Concen: 64.622 ng

RT: 12.974 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134265.D

Acq: 13 Jul 2023 16:54

Instrument :

BNA_F

ClientSampleId :

BUILDING

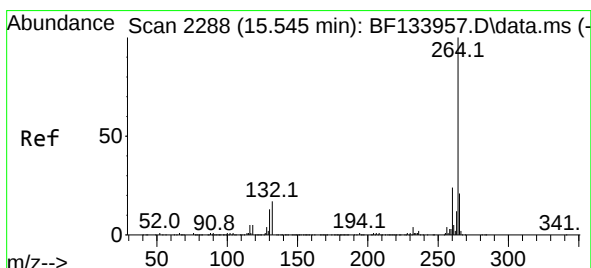
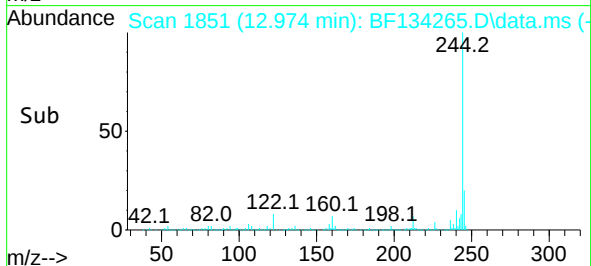
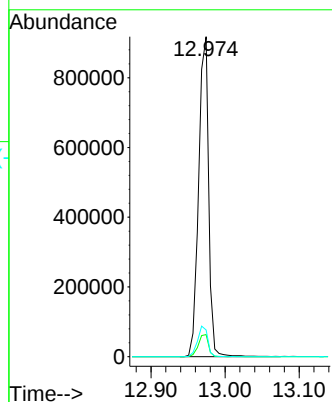
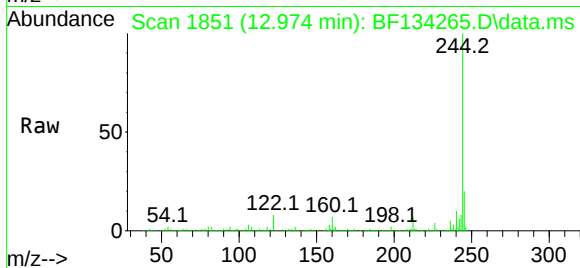
Tgt Ion:244 Resp: 858901

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 8.4 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.006 min

Lab File: BF134265.D

Acq: 13 Jul 2023 16:54

Tgt Ion:264 Resp: 200212

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.6 16.6 25.0

